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PATENT

Docket No.: 20609/181 (PD-98076)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants : Miller et al.

Serial No. : 09/811,838

Cnfrm No. : 9221

Filed : March 19, 2001

For : LPA RECEPTOR AGONISTS AND  
ANTAGONISTS AND METHODS OF USE

)  
) Examiner:  
) Laura Lynne Stockton

)  
) Art Unit:  
) 1626

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98**

**Mail Stop AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with 37 CFR §§ 1.97 and 1.98, applicants hereby bring to the attention of the U.S. Patent and Trademark Office the references listed on the attached PTO-1449 form. The pertinence of references 1-35 and 38 is indicated in the Supplemental Partial European Search Report (copy enclosed) for the corresponding European application. Please note that the first eight references (on pages 1 and 2), as well as both references cited on page 8 of the report were cited previously and therefore are not listed on the accompanying PTO-1449 form.

Pursuant to 37 CFR §§ 1.17(p) and 1.97(c), enclosed is a check for \$180.00 to cover the required filing fee. Although these references are being cited after final rejection, applicants respectfully request the entry of this information disclosure statement and consideration of the cited references. All of the listed references were received by the undersigned attorney after the mailing date of the outstanding office action. The

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180.00 OP

Commissioner is hereby authorized to charge any additional fees, or credit any overpayment to Deposit Account No. 14-1138.

Respectfully submitted,

Date: January 8, 2004

Edwin V. Merkel  
Edwin V. Merkel  
Registration No. 40,087

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CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_.

January 8, 2004  
Date

Wendy L. Barry  
Signature

Wendy L. Barry  
Type or Print Name

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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Sheet

1

of

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**Complete if Known**

Application Number	09/811,838
Filing Date	March 19, 2004
First Named Inventor	Miller et al.
Art Unit	1626
Examiner Name	Laura Lynne Stockton
Attorney Docket Number	20609/181 (PD-98076)

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-3,639,571	02/01/1972	Turesky et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	2	GB 861,463	02/22/1961	Ciba Limited		
	3	EP 0 425 680 A1	05/08/1991	Teijin Limited		
	4	EP 0 394 663 A1	10/31/1990	Idemitsu Kosak Company Limited		

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Signature

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	09/811,838
		Filing Date	March 19, 2001
		First Named Inventor	Miller et al.
		Group Art Unit	1626
		Examiner Name	Laura Lynne Stockton
		Attorney Docket Number	
Sheet		of	4

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5	Cherbuliez et al., <i>Helv. Chim. Acta</i> , 43:863-867 (1960), Beilstein Registry Number 1909896	
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	13	Valerio et al., <i>Aust. J. Chem.</i> , 45(4):777-784 (1992), Beilstein Registry Number 5338529	
	14	Piantadosi et al., <i>J. Med. Chem.</i> , 34(4):1408-1414 (1991), Beilstein Registry Number 4331312	
	15	Hosokawa et al., <i>Chem. Pharm. Bull.</i> , 17:202-206 (1969), Beilstein Registry Number 6293905	
	16	Helferich et al., <i>Justus Liebigs Ann. Chem.</i> , 655:59-69 (1962), Beilstein Registry Number 2736669	
	17	Chavane et al., <i>Ann. Chim.</i> , 4:372-379 (1949), Beilstein Registry Number 1761550	
	18	Snyder et al., <i>Biochemistry</i> , 11(9):1616-23 (1972) (abstract)	
	19	Geleji et al., <i>J. Polymer Sci.</i> , 58:955-75 (1962) (abstract)	
	20	Galardy, <i>Biochemistry</i> , 21(23):5777-81 (1982) (abstract)	

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**Complete if Known**

Application Number	09/811,838
Filing Date	March 19, 2001
First Named Inventor	Miller et al.
Group Art Unit	1626
Examiner Name	Laura Lynne Stockton
Attorney Docket Number	

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3

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	21	Kimizuka et al., <i>Chem. Lett.</i> , 1:29-30 (1999), Beilstein Registry Number 8250411	
	22	Hamachi et al., <i>J. Amer. Chem. Soc.</i> , 119(39):9096-9102 (1997), Beilstein Registry Number 7849035	
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	25	Baker et al., <i>J. Pharm. Sci.</i> , 54:845-847 (1965), Beilstein Registry Number 1154148	
	26	Jeck et al., <i>Justus Liebigs Ann. Chem.</i> , 531:533-34 (1973), Beilstein Registry Number 624232	
	27	Scola-Negalschneider et al., <i>Eur. J. Biochem.</i> , 66:567, 570-574 (1976), Beilstein Registry Number 1053625	
	28	Savarese et al., <i>Biochemical Pharmacology</i> , 40(11):2465-71 (1990) (abstract)	
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	31	Holy, <i>Collect. Czech. Chem. Commun.</i> , 40:187, 209 (1975), Beilstein Registry Number 3995566	
	32	Jeck et al., <i>Justus Liebigs Ann. Chem.</i> , 961:962, 967 (1973), Beilstein Registry Number 4066019	
	33	Cherbuliez et al., <i>Helv. Chim. Acta</i> , 50:979-985 (1967), Beilstein Registry Number 3100496	
	34	Cherbuliez et al., <i>Helv. Chim. Acta</i> , 49:2608-2615 (1966), Beilstein Registry Number 2753057	
	35	Guibe-Jampel et al., <i>Bull. Soc. Chim. FR.</i> , 1308, 1312 (1971), Beilstein Registry Number 2372181	
	36	Gefflaut et al., <i>Bioorg. Med. Chem.</i> , 4(12):2043-2054 (1996), Beilstein Registry Number 7635283	

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<b>Group Art Unit</b>	1626
<b>Examiner Name</b>	Laura Lynne Stockton
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(use as many sheets as necessary)

Sheet	4	of	4
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Sheet	1	of	4
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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